

## Electronic Acknowledgement Receipt

|                                             |                                                        |
|---------------------------------------------|--------------------------------------------------------|
| <b>EFS ID:</b>                              | 3936754                                                |
| <b>Application Number:</b>                  | 10692539                                               |
| <b>International Application Number:</b>    |                                                        |
| <b>Confirmation Number:</b>                 | 9872                                                   |
| <b>Title of Invention:</b>                  | ON-LINE PHASE NOISE MEASUREMENT FOR LAYERED MODULATION |
| <b>First Named Inventor/Applicant Name:</b> | Ernest C. Chen                                         |
| <b>Customer Number:</b>                     | 20991                                                  |
| <b>Filer:</b>                               | Todd N. Snyder/Janet Shibata                           |
| <b>Filer Authorized By:</b>                 | Todd N. Snyder                                         |
| <b>Attorney Docket Number:</b>              | PD-200250                                              |
| <b>Receipt Date:</b>                        | 12-SEP-2008                                            |
| <b>Filing Date:</b>                         | 24-OCT-2003                                            |
| <b>Time Stamp:</b>                          | 17:22:07                                               |
| <b>Application Type:</b>                    | Utility under 35 USC 111(a)                            |

### Payment information:

|                                          |                 |
|------------------------------------------|-----------------|
| Submitted with Payment                   | yes             |
| Payment Type                             | Deposit Account |
| Payment was successfully received in RAM | \$ 180          |
| RAM confirmation Number                  | 2662            |
| Deposit Account                          | 500383          |
| Authorized User                          |                 |

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

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## File Listing:

| Document Number              | Document Description                                 | File Name               | File Size(Bytes)/ Message Digest         | Multi Part /.zip | Pages (if appl.) |
|------------------------------|------------------------------------------------------|-------------------------|------------------------------------------|------------------|------------------|
| 1                            |                                                      | PD-200250-IDS091208.pdf | 888314                                   | yes              | 4                |
|                              |                                                      |                         | e5d06b39048d669da516aebf66414be3ad60fcc0 |                  |                  |
|                              | Multipart Description/PDF files in .zip description  |                         |                                          |                  |                  |
|                              | Document Description                                 |                         | Start                                    | End              |                  |
|                              | Information Disclosure Statement (IDS) Filed (SB/08) |                         | 1                                        | 2                |                  |
|                              | Information Disclosure Statement Letter              |                         | 3                                        | 4                |                  |
| Warnings:                    |                                                      |                         |                                          |                  |                  |
| Information:                 |                                                      |                         |                                          |                  |                  |
| 2                            | NPL Documents                                        | PD-202129A-FRJ.pdf      | 264951                                   | no               | 8                |
|                              |                                                      |                         | 629d468dacfaca6ce5f0b603150fc4393bf0f8e3 |                  |                  |
| Warnings:                    |                                                      |                         |                                          |                  |                  |
| Information:                 |                                                      |                         |                                          |                  |                  |
| 3                            | Fee Worksheet (PTO-06)                               | fee-info.pdf            | 30250                                    | no               | 2                |
|                              |                                                      |                         | e7ce296cf8093fe8e27e0295a0823a1e5c70bc2d |                  |                  |
| Warnings:                    |                                                      |                         |                                          |                  |                  |
| Information:                 |                                                      |                         |                                          |                  |                  |
| Total Files Size (in bytes): |                                                      |                         | 1183515                                  |                  |                  |

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### New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

### National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

### New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.